

## POWER SUPPLY EQUIPMENT

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### Abstract of JP2003288832

**<P>PROBLEM TO BE SOLVED:** To provide a power supply equipment capable of preventing second disaster after destruction of a house or the like as well as interrupting power supply path by detecting an earthquake or the like.

**<P>SOLUTION:** When power supply is stopped from an outer power source  $V_o$  due to power failure caused by an earthquake or the like, a coercive breaking switch 71 is put ON as electricity is stopped from flowing to a electromagnetic coil, just as in the state of pseudo electric leakage similar to a state when a test switch 51 is put ON. On this account, main switches 52b, 52c are put OFF. Since the main switches 52b, 52c are in an OFF state after power transmission is recovered, power is not supplied to an in-house power source  $V_i$ . When a reset switch 65 is turned ON after the power transmission is recovered, the coercive breaking switch 71 is turned OFF by the electromagnetic coil 61 to dissolve a pseudo electric leakage state, and a main switch-ON switch 52a is turned ON, so that power starts to be supplied to the in-house power source  $V_i$ . **<P>COPYRIGHT: (C)2004,JPO**

